APC Rabbit anti-Mouse IgG2b mAb

Catalog No.: A26190



Basic Information

Observed MW

Calculated MW 37kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC67783-APC

Conjugate

APC. Ex:650nm. Em:660nm.

Background

Enables antigen binding activity. Acts upstream of or within phagocytosis; positive regulation of immune response; and positive regulation of phagocytosis. Located in extracellular space. Part of immunoglobulin complex, circulating. Orthologous to several human genes including IGHG1 (immunoglobulin heavy constant gamma 1 (G1m marker)); IGHG2 (immunoglobulin heavy constant gamma 2 (G2m marker)); and IGHG3 (immunoglobulin heavy constant gamma 3 (G3m marker)).

Recommended Dilutions

FC

5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID 16016

Swiss Prot

P01867-2

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 14-113 of mouse IgG2b (P01867-2).

Synonyms

IgG2b; Igh-3; gamma2b

Contact

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Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data









Flow cytometry: 1×10^6 Jurkat cells (negative control,left) and HEL cells (right) were surface-stained with Mouse anti-Human CD235ab mAb (IgG2b, κ ,orange line) or Mouse IgG2b isotype control (2 μ g/mL,blue line), followed by APC Rabbit anti-Mouse IgG2b mAb (A26190,5 μ l/Test) staining. Nonfluorescently stained cells were used as blank control (red line).

Flow cytometry: $1X10^6$ HEL cells were surface-stained with Mouse IgG2b isotype control (2 µg/mL,left) or Mouse anti-Human CD235ab mAb (IgG2b, κ ,right). APC Rabbit anti-Mouse IgG2b mAb (A26190,5 μ l/Test) was used as a secondary antibody.